

## AMENDMENTS TO THE SPECIFICATION

Please replace the title of the invention with the following new title.

Class I and Class II MHC Profiling for Social and Sexual, ~~Reproductive, Intimate, and~~  
Romantic Matching of Human Partners

Please replace paragraph [0003] with the following amended paragraph.

[0003] There are two general areas of prior art that relate to the invention. The first includes the fields from which the invention derives; those of zoology and reproductive genetics. The second category of relevant prior art is that to which the new use of the first is applied; namely dating services and other partner-matching organizations in general whose participants' primary intent is to engage in romantic, sexual, reproduction, and/or intimate relationships with other individuals.

Please replace paragraph [0007] with the following amended paragraph.

[0007] *Objects and Advantages:* Accordingly, the primary object of this invention is the matching of potential social or sexual, ~~reproductive, intimate, or romantic~~ partners in such a way that enhances a specific genetic compatibility. This compatibility is based on the genes of the Major Histocompatibility Complex, or MHC, and its advantages over the existing art are numerous. They include increased sexual attraction, more appealing body odor, and healthier offspring among people matched ~~match~~ in this way.

Please replace paragraph [0012] with the following amended paragraph.

[0012] This invention is the process of matching people, for sexual,~~reproductive, intimate, or~~  
~~romantic~~ or social purposes, based on the compatibility of the Class I and Class II regions  
of their MHC genes.